



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

✓ **RBT18700-101-15**
Job Sheet 196715



Part No: RBT18700-101-15

Job Qty: 2 pcs ✓

Part Name: HANDLE



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/20/19

Job Tracking No:

Due Date: 8/20/19

Created By: Marie Lajeunesse

Type: SOLD

Description: ORDER 17105

Note: DWG RBT18700-101 Rev 7 IPP Rev. A 19.06.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Conventional Lathe - 1	2 pcs	8/20/19	8/20/19	0.00	0.50	Conventional Lathe - 1		✓
							Conventional Lathe - 2		
110	QC 2	2 pcs	8/20/19	8/20/19	0.00	0.00	QC 2 - 1		11/19/7/25
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		



Container No: S200610



Part: RBT18700-101-15

Job No: 196715

Serial No/Batch: S200610

Revision: 7

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/25/19

Plex 6/20/19 9:04 AM Dart.lajeunesse.marie

120 QC 8	2 pcs	8/20/19	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	OK 19/10/125
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130 Outsource - 13 - Zinc Plating	2 pcs	8/20/19		GRO002-VC	OK 20A-07-29
140 Packaging 2-1 - Receive - B4B	2 pcs	8/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP AUG 01 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
150 QC 6	2 pcs	8/20/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	

				QC 6 - 61	DAS 81
				QC 6 - 40	9-89
160	Packaging 3-1 - Stock - B4B	2 pcs	8/20/19	0.00 0.00	Packaging 3 - 1 - B4B
TRI 8-2-2019 →				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	OK Bin: GA150
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				170	QC 21 - SA
					QC 21 - SA - 70 DAS 21
Part Op 100 - 1-Machine as per DWG. 2-Debur Descriptions: 130 - -Issue P/O; 44141 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; BLACK -Material type; 1018 -Certificate of Conformity is required 140 - Certificate of Conformity is required					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M1018R0.500	1018-1025 round bar .500	1.3500 ft (.675 ea)	100-Conventional Lathe - 1	515018 5031965	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Conventional Lathe - 1	M1018R0.500	1	1	0	
Part Specifications					
Specifications could not be found.					

Plex 6/20/19 9:04 AM Dart.lajeunesse.marie

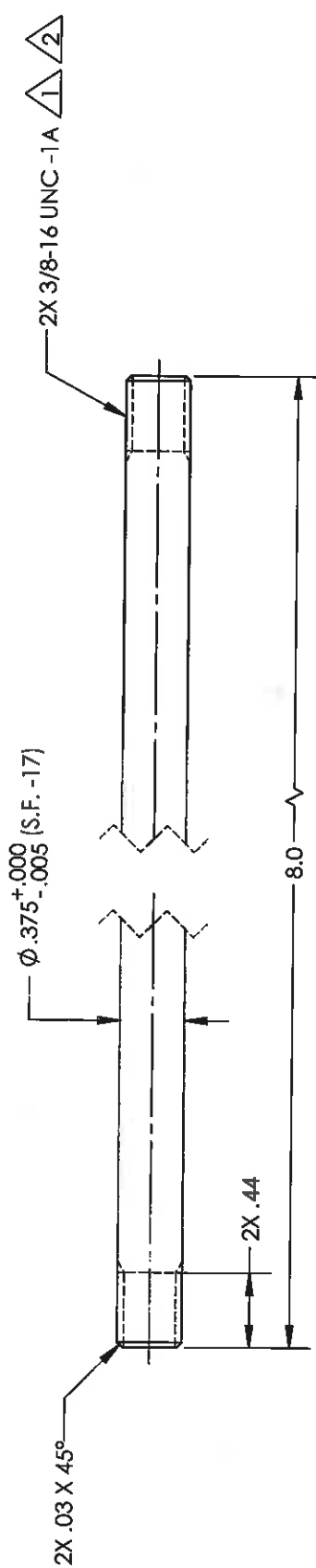
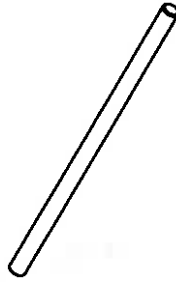
DART AEROSPACE LTD		Work Order:	196715
Description: Handle		Part Number:	RB18700-101-15
Inspection Dwg: Same as PIN	Rev: 7		Page 1 of 1

[illegible]

Engineering Approval: (If necessary)		Date:	
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REVISIONS			
REV	ECR	DESCRIPTION	DATE
2A		-15 CHD FINISH FROM BLACK OXIDE.	8/23/2011
3		-15 CHD THREAD CALL OUT FROM 3/8-16 UNC & ADDED NOTE.	3/8/2012
4A	14-0141	-15 ADDED TOLERANCE TO .375 DIM.	9/2/2014
5	15-0214	-15 CHD MATERIAL WAS 1018 IS 1018/1020.	8/28/2015
6	16-0191	-15 CHD MAT'L WAS 1018/1020 IS 1018/1020 CR. ADDED FINISH SPEC ASTM B433 TYPE II SC.2.	10/27/2016
			DPD
			JAG



NOTE:

- 1 MUST HOLD THREAD SIZE AFTER BLACK ZINC PLATING.
- 2 HOLD PITCH DIAMETER & MAJOR DIAMETER TO LOW END TOLERANCE.

DART
AEROSPACE

ENGINE STAND

TITLE	ENGINE STAND	REV	7
DWG NO.	RBT18700-101-15		
MAT'L	1018/1020 CR	UNLESS OTHERWISE SPECIFIED	
TREAT	BLACK ZINC	DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005	FRACTIONS ± 1/8
SPEC	ASTM B633 TYPE II SC 2	.XX ± .01	ANGLES ± 5°
DRAWN BY:	COLE	.X ± .1	SURFACES = 125
CHECKED:	CLOUGH	1. BREAK ALL SHARP EDGES	
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY	
QA APPR:	LINDSAY	3. AFTER PLATING	
APPROVED:	GILBERT	3. INTERPRET DIM AND TOL PER	
SCALE	1:1	ASME Y14.5M-2009	
DATE	4/2/2009	USED ON MODEL	
		R.R. 250-C18 TO C47	
		SHEET 11 OF 28	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE

WORK ORDER

NO. 190625 MW
190625

(15)

HANDLE

Entered:

Date:

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only



Job: _____		DISPOSITION		DEPARTMENT/PROCESS		Engineering																															
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Water Jet ☐ Supplier ☐ Quality ☐																													
Date:		Sequence #:		QTY Affected:		MRB (QS1042)																															
Description Work Order Deviation				Disposition																																	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>						Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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Marks/Chatter	Drill Holes	Out of Sequence	Misread																																		
Mislabeled	Fit/Function	Off-set/Set-up																																			
Other/Details:																																					
				Completed By																																	
				Lead hand / Supervisor																																	
				QC / QA Coordinator																																	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044141



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044141

PO Date: 7/29/19

Due Date: 8/6/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAIL:
2019-07-30

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	196715	RBT18700-101-15	HANDLE -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; BLACK -Material type; 1018 -Certificate of Conformity is required	Firmed	-	8/6/19	2 pcs	0 pcs	2 pcs	\$75.00/pcs	\$150.00
2	196110	RB6798838-1	Drift -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; O1 -Certificate of Conformity is required	Firmed	-	8/6/19	6 pcs	0 pcs	6 pcs	\$13.1818/pcs	\$79.09
3	196111	RB6798838-2	Drift Housing -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; O1 -Certificate of Conformity is required	Firmed	-	8/6/19	5 pcs	0 pcs	5 pcs	\$8.1818/pcs	\$40.91
Grand Total:										\$270.00	



Dart Aerospace Ltd.
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Tel (613) 632-5200

PURCHASE ORDER

POHB044141



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/30/19 3:57 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(021147-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

021147 - 2

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
31-Jul-2019		Jigar Patel				POHB044141			
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #		Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities		À venir / Back Order
							Qté NC/ NC Qty	Qté Scrap/	
1	RBT18700-101-15 Rev.		RBT18700-101-15 01 -ZINC BLACK [ZINC BLACK] ASTM B633 TYPE 2, SC 2	ZINC CH	2	2	0	0	0
DAS 81 9-89									

RECEIVED
AUG 0 1 2019
DART AEROSPACE LTD.

RECEIVED
 AUG 01 2019
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Épaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

JP JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.